

100260" 52828860



#2

1 / 16

1 GCTGTGGGAA CCTCTCCAG CGCACGAACT CAGCCAAACGA TTTCTGATAG ATTTTGGGA GTTTGACCAG AGATGCAAGG GGTGAAGGAG CGCTTCCCTC
CGACACCCCTT GGAGAGGTGC GCGTGCTTGA GTCCGTTGCT AAAGACTATC TAAAAACCCCT CAAACTGGTC TCTACGTTCC CCACTTCCTC CGGAAGGATG

101 CGTTAGGGAA CTCTGGGGAC AGAGCGCCC GGCCTGCTGA TGGCCGAGGC AGGGTCCGAC CCAGGACCCA GGACGGCGTC GGAACACATA CCATGGCCCG
GCAATCCCTT GAGACCCCTG TCTCGCGGG TCTCGCGGG CCGCGGACT ACCGGCTCG TCCACGCTG GGTCTGGGT CCTTGGTAT GGTACCGGGC
MetalArg

201 GATCCCAAG ACCCTAAAGT TCGTCTGCTG CATCGTCGG GTCTCTGCTG CAGTCTAGC TTACTCTGCC ACCACTGCCC GGCAGGAGGA AGTTCCCCAG
CTAGGGGTC TGGGATTCA AGCAGCAGCA GTAGCAGCG CAGGACGACG GTACGATCG AATGAGACGG TGGTACGGG CCGTCTCCT TCAAGGGGTC

4 IleProLys ThrLeuLys heValValva lileValala ValLeuLeup roValleuAl aTyrSerAla ThrThrAlaA rgGlnGluG l uValProGln

301 CAGACAGTGG CCCACAGCA ACAGAGGCAC AGCTTCAAG GGGAGGAGTG TCCAGCAGGA TCTCATAGAT CAGAACAATAC TGGAGCCTGT AACCCGTGCA
GTCTGTCAAC GGGGTGCTGT TGTCTCCGTG TCGAAGTTCC CCCTCCTCAC AGGTCTCTCT AGAGTATCTA GTCTTGATG ACCTCGGACA TTGGGCACGT

37 GlnThrVala laProGlnG l nGlnArgHis SerPheLysG lyGluGluCy sProAlaGly SerHisArgS erGluHisTh rGlyAlaCyS AsnProCysThr

401 CAGAGGGTGT GGATTACACC AACGCTTCCA ACAATGAACC TTCTTGCTTC CCATGTACAG TTTGTAAATC AGATCAAAA CATAAAAGTT CCTGCACCAT
GTCTCCACA CCTAATGTGG TTGCGAAGGT TGTACTTGG AAGAACGAAG GGTACATGTC AACATTTAG TCTAGTTTT GTATTTTCAA GGACGTGGTA

71 GluGlyVa lasPtyrThr AsnAlaSera snAsnGluPr oSerCysPhe ProCysThrV alCysLysSe raspGlnLys HisLysSers erCysThrMet

501 GACCAGAGAC ACAGTGTGTC AGTGTAAGA AGCACCTTC CGGAATGAAA ACTCCCAGA GATGTGCGG AAGTGTAGCA GGTGCCCTAG TGGGGAAGT
CTGGTCTCTG TGTACACACAG TCACATTTCT TCGGTGGAAG GCCTTACTTT TGAGGGGTCT CTACACGGCC TTCACATCGT CCACGGGATC ACCCTTTG

104 ThrArgasp ThrValCySg l nCysLysG l uGlyThrPhe ArgAsnGluA snSerProGl uMetCysArg LysCysSera rgCysProse rglyGlu

601 CAAGTCAGTA ATTGTACGTC CTGGGATGAT ATCCAGTGTG TTGAAGAATT TGGTGCCAAAT GCCACTGTGG AAACCCACG TCGTGAAGAG ACAATGAACGACA
GTTTCAGTCAT TAACATGCAG GACCCCTACTA TAGGTACACAC AACTTCTTAA ACCACGGTTA CCGTGACACC TTTGGGGTGC AGCACTTCTC TGTACTTGT

137 GlnValSera snCysThrSe rTrpAspAsp l leGlnCysV alGluGluPh eGlyAlaAsn AlaThrValG luThrProAl aalaGluGlu ThrMetAsnThr

701 CCAGCCCGGG GACTCCTGCC CCAGCTGCTG AACAGACAAAT GAACACCAGC CCAGGGACTC CTGCCCCAGC TGCTGAAGAG ACAATGACCA CCAGCCCCGG
GGTCGGGGCC CTGAGGACGG GGTGCACGAC TTCTCTGTTA CTGTGTGCTG GGTCCCTGAG GACGGGGTGC ACCACTTCTC TGTACTGTT GGTGGGGCCC

171 SerProGl yThrProAla ProAlaAlaG luGluThrMe tAsnThrSer ProGlyThrp roAlaProAl aalaGluGlu ThrMetThrT hrSerProGly

FIG. 1A-1

801 GACTCCTGCC CCAGCTGCTG AAGAGACAAT GACCACCAGC CCGGGGACTC CTGCCCCAGC TGCTGAAGAG ACAATGACCA CCAGCCCCGG GACTCCTGCC
 CTGAGGACGG GGTGACGAC GGTGACGAC TTTCTGTGTA CTGGTGGTGG GGGCCCTGAG GACGGGGTGG ACGACTTCTC TGTTACTGGT GGTGGGGCCC CTGAGGACGG
 204 ThrProAla ProAlaAlaG luGluThrMe tThrThrSer ProGlyThrP roAlaProAl aAlaGluGlu ThrMetThrT hrSerProGl yThrProAla
 901 TCTTCTCATTT ACCTCTCATG CACCATCGTA GGGATCATAG TTCTAATTGT GCTTCTGATT GTGTTTGTTT GAAAGACTTC ACTGTGGAAG AAATTCCCTTC
 AGAAGAGTAA TGGAGAGTAC GTGGTAGCAT CCTAGTATC AAGATTAAAC CGAAGACTAA CACAACAAA CTTTCTGAAG TGACACCTTC TTTAAGGAAG
 237 SerSerHist yrLeuSerCy sThrIleVal GlyIleIleVal lleuIleVal ValPheVal
 1001 CTTACCTGAA AGGTTACAGT AGGGCTGGC TGAGGGGGGG GGGGGCTGGA CACTCTCTGC CCTGCCCTCCC TCTGCTGTGT TCCCACAGAC AGAAACGCCCT
 GAATGGACTT TCCAAGTCCA TCCGGGACCG ACTCCCGCCC CCGCGGACCT GTGAGAGACG GGACGGAGGG AGACGACACA AGGTGTCTG TCTTTGCGGA
 1101 GCCCTGCC CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA CAAAAA
 CCGGACGG GTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT TTTTTTTT

FIG. 1A-2

1 GCTGTGGGAA CCTCTCCAG CGACGAACT CAGCCAACGA TTTCTGATAG ATTTTGGGA GTTTGACCAG AGATGCAAG GGTGAAGGAG CGCTTCCTAC
 CGACACCCCTT GGAGAGGTGC GCGTGTCTGA GTCGTGTCTT AAAGACTATC TAAAAACCCCT CAAACTGGTC TCTAGCTTCC CCCTTCCTC GCGAAGGATG
 MetGlnG l yValLysGlu ArgPheLeuPro
 -40
 101 CGTTAGGGAA CTCTGGGGAC AGAGCGCCCC GCGCGCCTGA TGGCCGAGGC AGGTGCGAC CCAGGACCCA GGACGGCGTC GGAACCCATA CCATGGCCCC
 GCAATCCCTT GAGACCCCTG TCTCGGGGG TCTCGGGGG CCGGGGACT ACCGGCTCG TCCCACGCTG GGTCTGGGT CCTTGGTAT GGTACCGGGC
 -30 LeuGlyAs nSerGlyAsp ArgAlaProA rgProProAs pGlyArgGly ArgValArgP roArgThrGl nAspGlyVal GlyAsnHist hrMetAlaArg
 201 GATCCCCAAG ACCCTAAAGT TCGTGTCTGT CATCGTCGG GTCTGTCTGC CAGTCTTAGC TTACTCTGCC ACCACTGCCC GGCAGGAGGA AGTTCCCCAG
 CTAGGGGTTT TGGGATTCA AGCAGCAGCA GTAGCAGCG CAGGACGACG GTGAGGATCG AATGAGACGG TGGTACGGG CCGTCTCTCT TCAAGGGGTC
 4 IleProLys ThrLeuLysP heValValVa lIleValAla ValLeuLeuP roValLeuAl aTyrSerAla ThrThrAlaA rgGlnGluG l uValProGln
 301 CAGACAGTGG CCCACAGCA ACAGAGGGAC AGCTTCAAG GGGAGGAGTG TCCAGCAGGA TCTCATAGAT CAGACATAC TGGAGCCTGT AACCCGTGCA
 GTCTGTCACC GGGGTGCTG TGCTCTCGTG TCGAAGTTCC CCCTCTCTAC AGCTGCTCT AGAGTATCTA GTCCTGTATG ACCTGGACA TTGGGCACGT
 37 GlnThrVala laProGlnG l nGlnArgHis SerPheLysG lyGluGluCy sProAlaGly SerHisArgS erGluHisth rGlyAlaCys AsnProCysThr

FIG. 1B-1

401 CAGAGGGTGT GGATTACACC AACGCTTCCA ACAATGAACC TTCTTGCTTC CCATGTACAG TTGTAAATC AGATCAAAAA CATAAAAGTT CCTGCACCAT
GTCTCCACCA CTAATGTGG TTGCGAAGGT TGTTACTGG AAGAACGAAG GGTACATGTC AAACATTTAG TCTAGTTTTT GTATTTTCAA GGACGTGGTA

71 GluglyVa lAspTyThr AsnAlaSerA snAsnGluPr oSerCysPhe ProCysThrV alcysLyase rAspGlnLys HisLysSers erCysThrMet

501 GACCAGAGAC ACAGTGTGTC AGTGTAAAGA AGCACCCTTC CGGAATGAAA ACTCCCCAGA GATGTGCCGG AAGTGTAGCA GGTGCCCTAG TGGGGAAGTC
CTGGTCTCTG TGTACACACAG TCACATTCTT TCCGTGGAAG GCCTTACTTT TGAGGGGTCT CTACACGGCC TTCACATCGT CCACGGGATC ACCCTTTCAG

104 ThrArgasp ThrValcysG lncysLysG l uGlyThrPhe ArgAsnGluA snserProGl uMetCysArg LysCysSerA rgCysProse rglyGluVal

601 CAAGTCAGTA ATTGTACGTC CTGGGATGAT ATCCAGTGTG TTGAAGAAAT TGGTGCCAAT GCCACTGTGG AAACCCCGAG TGCTGAAGAG ACAATGAACA
GTTCAAGTCAT TAACATGCAG GACCCTACTA TAGGTACACAC AACTTCTTAA ACCACGGTTA CCGGTGACACC TTGCGGGTGG ACGACTTCTC TGTTACTTGT

137 GlnValSerA snCysThrSe rTrpAspAsp lIeGlnCysV alGluGluPh eGlyAlaAsn AlaThrValG luThrProAl aAlaGluGlu ThrMetAsnThr

701 CCAGCCCCGG GACTCCTGCC CCAGCTGCTG AAGACACAAT GAACACCAGC CCAGGGACTC CTGCCCCCAGC TGCTGAAGAG ACAATGACCA CCAGCCCCGGG
GGTGGGGCCC CTGAGGACGG GGTGACGAC TTCTCTGTGA TTCTGTGTGG GTTCCCTGAG GACGGGGTGG ACGACTTCTC TGTTACTTGT GGTGGGGCCC

171 SerProGl yThrProAla ProAlaAlaG luGluThrMe tAsnThrSer ProGlyThrP roAlaProAl aAlaGluGlu ThrMetThrT hrSerProGly

801 GACTCCTGCC CCAGCTGCTG AAGAGACAAT GACCACCAGC CCGGGGACTC CTGCCCCCAGC TGCTGAAGAG ACAATGACCA CCAGCCCCGG GACTCCTGCC
CTGAGGACGG GGTGACGAC TTCTCTGTGA CTGCTGTCTG GGTGGTCTG GACGGGGTGG ACGACTTCTC TGTTACTTGT GGTGGGGCCC CTGAGGACGG

204 ThrProAla ProAlaAlaG luGluThrMe tThrThrSer ProGlyThrP roAlaProAl aAlaGluGlu ThrMetThrT hrSerProGl yThrProAla

901 TCTTCTCATT ACCTCTCATG CACCATCGTA GGGATCATAG TTCTAATTGT GCTTCTGATT GTGTTTGTGT GAAAGACTTC ACTGTGGAAG AAATTCCTTC
AGAAGAGTAA TGGAGAGTAC GTGGTAGCAT CCTACTATC AAGATTACCA CGAAGACTAA CACAAACAAA CTTTCTGAAG TGACACCTTC TTAAAGGAAG

237 SerSerHist yrLeuSerCy sThrIleVal GlyIleIleV alLeuIleVa lLeuLeuile ValPheVal

1001 CTTACCTGAA AGGTTACAGT AGGCGCTGGC TGAGGGCGGG GGGCGCTGGA CACTCTCTGC CTGCGCTCCC TCTGCTGTGT TCCACACAGAC AGAAACGCCT
GAATGGACTT TCCAAGTCCA TCCGGGACCG ACTCCCGCCC CCGCGGACCT GTGAGAGACG GGACGGAGGG AGACGACACA AGGTGTCTG TCTTTGCGGA

1101 GCCCTGCCC CAAAAAATAA AAAAAAATAA AAAAAAATAA AAAAAAATAA AAAAAAATAA AAAAAAATAA AAAAAAATAA AAAAAAATAA
CGGGACGGG GTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT

Apo2 1 -----MEQRGQNAFAASGARKRHGPGPREARGARPGRLRVPKTLVL
 Apo2DcR 1 -----MARIPKTLKFVV
 DR4 51 GRGALPTSMGQHGPSARARAGRAPGRFPAREASPLRLRVHKTFFKFVVVGVL

Apo2 41 VVAAVLLLVSAESALITQODLAPQORAAPOOKRSSPSEGLCPPGHHISED
 Apo2DcR 13 VIVAVLLPVLAYSATTARQEEVPQOTVAPOOQRHSFKGEECPAGSHRSEH
 DR4 101 LQVVPSSAATIK-----LHDOSIGTQOWEHSPLGELCPPGSHRSEH

Apo2 91 GRDCISCKYQDYSTHWNLLFLCLRCTRCDSGEVELSPCTTTRNTVCQCE
 Apo2DcR 63 TGACNECTEGVDYTNASNNEPSCFPCTVCKSDQKHKSSCTMTRDITVCQCK
 DR4 142 PGACNRCTEGVGYTNASNLLFACLPCTACKSDEEERSPCTTTRNTACQCK

Apo2 141 EGTFREEDSPEMCRKCRITGCPRGMVKVGDC TPWSDIECVHKE-----
 Apo2DcR 113 EGTFRNENSPEMCRKCSR-CPSGEVQVSNCTSWDDIQCVE-EFGANATVE
 DR4 192 EGTFRNDNSAEMCRKCRSTGCPRGMVKVKDCTPWSIECVHKE-----

Apo2 -----
 Apo2DcR 161 TPAAEETMNTSPGTPAPAAEETMNTSPGTPAPAAEETMTTSPGTPAPAAE
 DR4 -----

Apo2 183 -----SGTIIGVTVAAVVLIVAVFV---
 Apo2DcR 211 ETMTTSPGTPAPAAEETMTTSPGTPASSHYLSCTIVGIIVLIVLLIVFV
 DR4 234 -----SGNGHNIWVILVVTLVVPLILVAV-LIVC

Apo2 203 CKSLLWKKVL PYLKGICSGGGDPERVDRSSQRPGEADNVLNEIVSILQP
 DR4 262 CCIGSGCGGDPKCMDRVCFWRLGLLRGPGAEDNAHNEILSNADSLSTFVS

Apo2 253 TQVPEQEMEVOEPAEPTGVNMLSPGESEHLLPAPAEERSQRRRLLPANE
 DR4 312 ----EQOMESQEPADLTGVTVQSPGEAQCLLPAPAEAGSQRRRLLPANG

Apo2 303 GDPTETLRQCFDDFADLVPFDSWEHLMRKLGMDNEIKVAKAEAAGH--R
 DR4 358 ADPTETILMLFFDKFANIVPFDSWDQLMRQLDLTKNEIDVVRAGTAGP--G
 Apo3/DR3 338 VMDAVPARRWKEFVRILGLREAEIEAVEVEI-GRF-R
 TNFR1 322 VVENVPPLRWKEFVRRRLGLSDHEIDRIELON-GRCLR
 CD95 220 IAGVHTLSQVKGFVRKNGVNEAKIDEIKNDN-VQDTA

Apo2 351 DTLYTMLIKWVNKTGR-DASVHTLLDALETIGERLAKOKIEDHLLSSGKF
 DR4 406 DALYAMLWKVNKTGR-NASHTLLDALERMEERHAKETIQDLLVDSGKF
 Apo3/DR3 374 DQOYEMIKWRQQQP---AGLGAVYAALERMGLDGCVEDLRS
 TNFR1 358 EAQYSMLATWRRRTERRREATLELLGRVLRDMDLLGLEDIEE
 CD95 256 EQKVQLLRNWHQLHGKKEAY-DTLIKDLKKANLCTLAERIQT

Apo2 400 MYLEGNADSALS
 DR4 455 IYLEDGTGSAVSL

FIG._2

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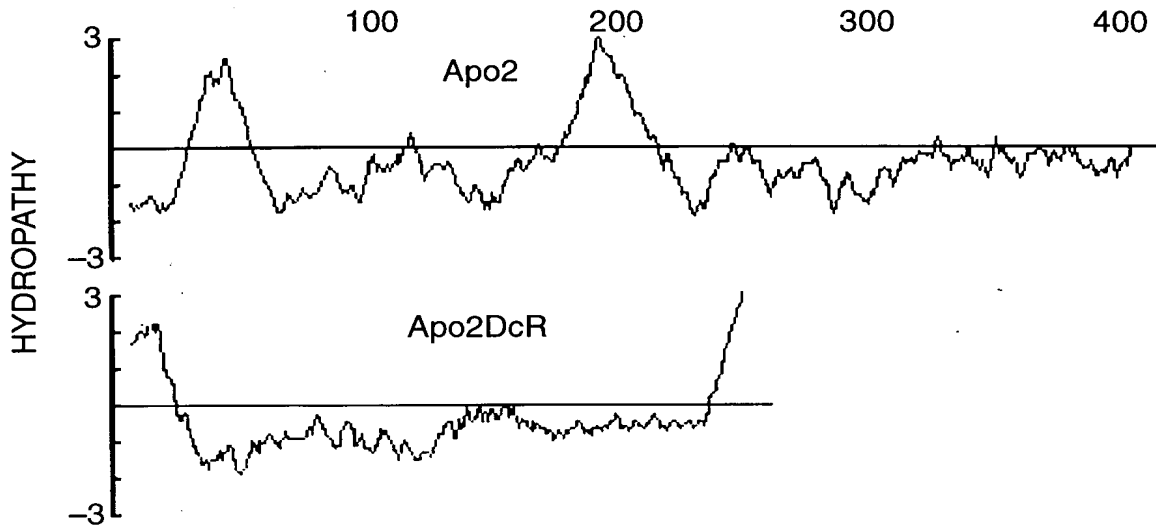


FIG._3

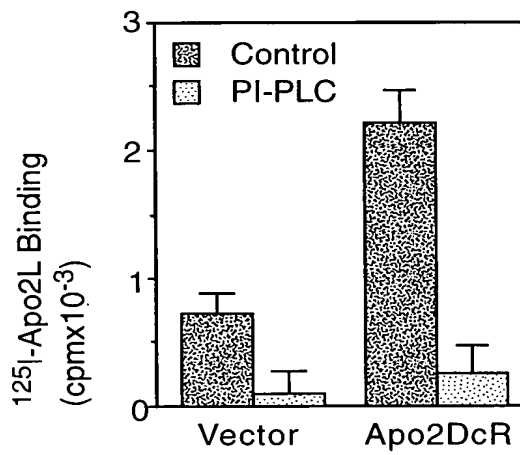


FIG._4

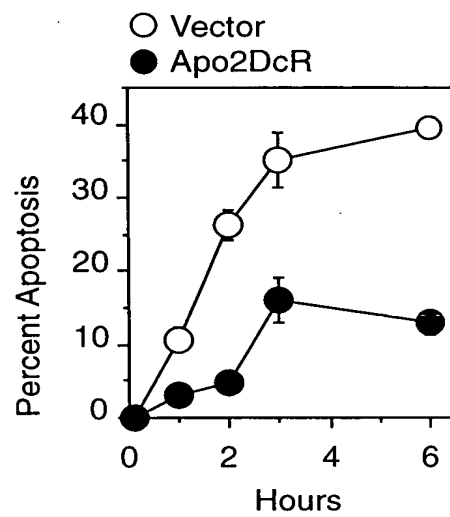
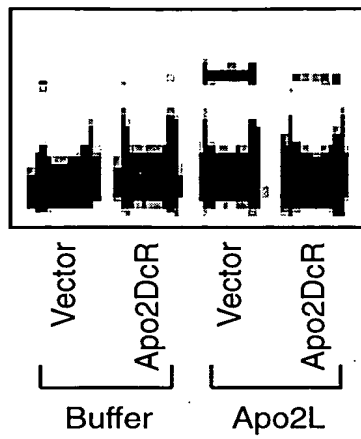
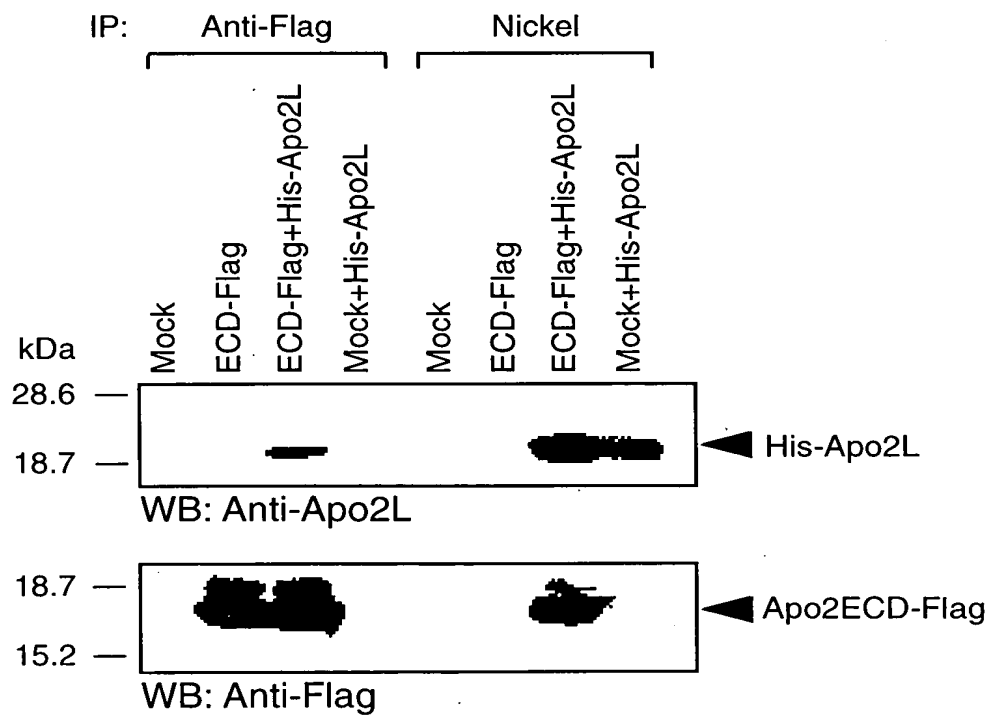
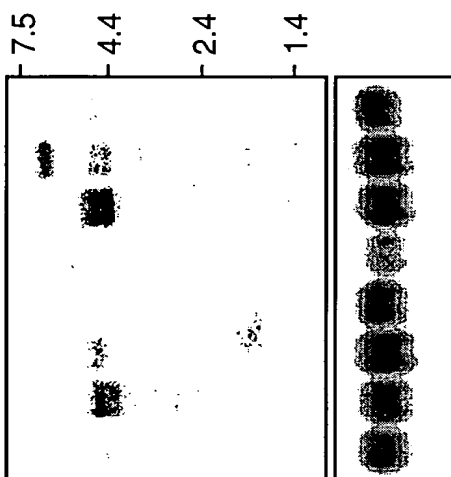


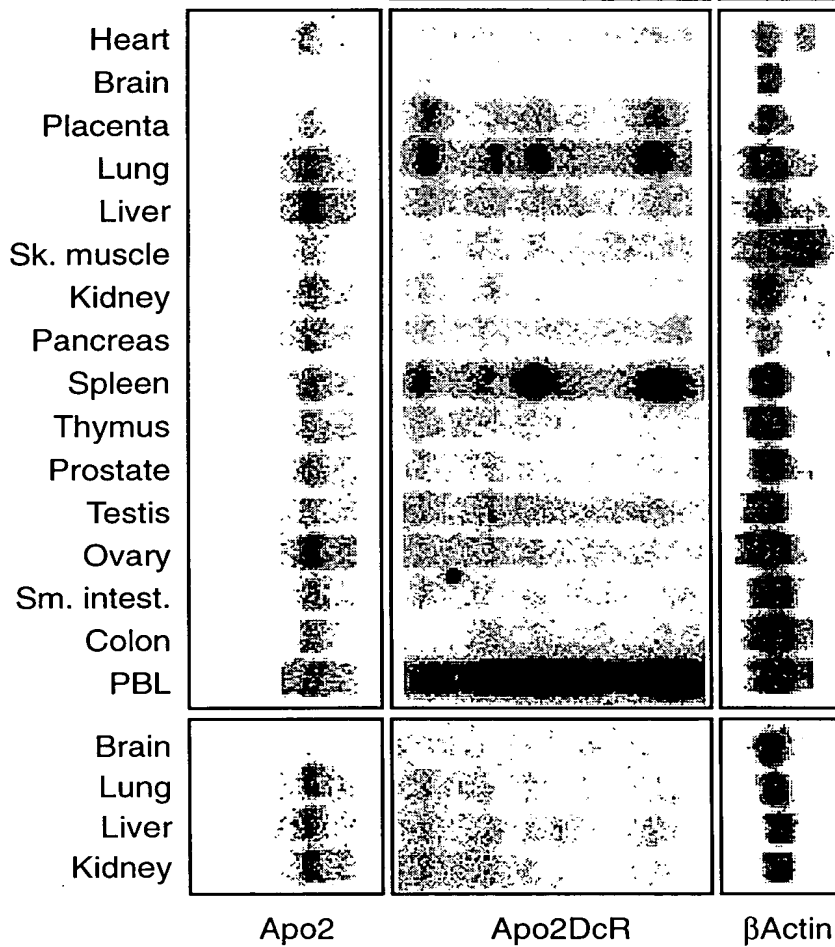
FIG._5

**FIG. 6****FIG. 10**



Cell Line

FIG. 7B



Adult

Fetal

FIG. 7A

1 CCCACGGCTC CGCATAAATC AGCAGCGGCG CGGAGAACCC CGCAATCTCT GCGCCACAA AATACACCGA CGATGCCCGA TCTACTTTAA GGGCTGAAC
GGTGCGCAG CGGTATTAG TCGTGCGCG CGCTCTGGG CGGTAGAGA CGGGGTGT TTATGTGGCT GGTACGGGCT AGATGAAATT CCCGACTTGT

101 CCACGGGGCT GAGAGACTAT AAGAGCGTTC CCTACCGCCA TGGAAACAAC GGGACAGAAC GCGCGGGCGG CTTCGGGGGG CCGGAAAAGG CACGGGCCAG
GGTGCGCGGA CTCTCTGATA TTCTCGCAAG GGATGGCGGT ACCTGTCTGC CCCTGTCTTG CCGGGCGGCG GAAGCGCGCG GGCCTTTTCC GTGCCGGGTC

1 M etGluGlnAr gGlyGlnAsn AlaProAla laSerGlyAl aArgLysArg HisGlyProGly

201 GACCCAGGGA GCGCGGGGGA GCCAGGCCTG GGCTCCGGGT CCCAAGACC CTTGTGCTCG TTGTGCGCGG GTCTCTCTCG TTGGTCTCAG CTGAGTCTGC
CTGGGTCCCT CCGCGCCCTT CCGTCCGGAC CCGAGGCCCA GGGTTCTGG GAACACGAGC AACAGCGGCG CCAGCAGGAC AACCAGAGTC GACTCAGACG

22 ProArgG1 uAlaArgGly AlaArgProG lyLeuArgVa lProLysThr LeuValLeuV alValAlaAl aValLeuLeu LeuValSera laGluSerAla

301 TCTGATCACC CAACAAGACC TAGCTCCCCA GCAGAGAGCG GCGCCACAAC AAAAGAGGTC CAGCCCCCTCA GAGGATTGT GTCCACCTGG ACACCATATC
AGACTAGTGG GTTCTTCTGG ATCGAGGGGT CGTCTCTCGC CGGGTCTTG TTTTCTCCAG GTCGGGGAGT CTCCTAACA CAGGTGGACC TGTGGTATAG

55 LeuIleThr GlnGlnAspL euAlaProG1 nGlnArgAla AlaProGlnG lNlysArgSe rSerProSer GluGlyLeuC ysProProG1 yHisHisIle

401 TCAGAAGACG GTAGAGATTG CATCTCCTGC AAATATGGAC AGGACTATAG CACTCACTGG AATGACCTCC TTTTCTGCTT GCGCTGCACC AGGTGTGATT
AGTCTTCTGC CATCTCTAAC GTAGAGGACG TTTATACCTG TCCTGATATC GTGAGTGACC TTACTGGAGG AAAAGACGAA CCGCAGCTGG TCCACACTAA

88 serGluAspG lyArgAspCy sIleSerCys LysTyrGlyG lNAspTyrSe rThrHisTrip AsnAspLeuL euPheCysLe uArgCysThr ArgCysAspSer

501 CAGGTGAAGT GGAGCTAAGT CCCTGCACCA CGACCAGAAA CACAGTGTGT CAGTCCGAG AGGCACCTT CCGGGAAGAA GATTCTCCTG AGATGTGCGG
GTCCACTTCA CCTCGATTCA GGCACGTGGT GCTGGTCTTT GTGTACACA GTACGCTTC TTCCGTGGAA GCGCTTCTT CTAAGAGGAC TCTACACGGC

122 GlyGluVa lGluLeuSer ProCysThrT hrThrArgAs nThrValCys GlnCysGluG luglyThrPh eArgGluGlu AspSerProG luMetCysArg

601 GAAGTCCCGC ACAGGGTGTG CCAGAGGGAT GGTCAGGTC GGTCAAGGTC GGTGATTGTA CACCCTGGAG TGACATCGAA TGTGTCCACA AGAATCAGG CATCATCATA
CTTCACGGCG TGTCCACAG GGTCTCCCTA CCAGTTCCAG CCCTAACAT GTGGGACCTC ACTGTAGCTT ACACAGGTGT TTCTTAGTCC GTAGTAGTAT

155 LysCysArg ThrGlyCysP roArgGlyMe tValLysVal GlyAspCysT hrProTrpSe rAspIleGlu CysValHisL ysGluSerG1 yIleIleIle

701 GGAGTCACAG TTGCAGCCGT AGTCTTGATT GTGGCTGTGT TTGTTTGCAA GTCTTTACTG TGAAGAAGG CCTGAAAGGC ATCTGCTCAG
CCTCAGTGC AACGTGGCA TCAGAACTAA CACCGACACA AACAAAGTT CAGAAATGAC ACCTTCTTTC AGAAGGAAT GGACTTTCCG TAGACGAGTC

188 GlyValThrV alAlaAlaVa lValLeuIle lValLeuValp heValCysLy sSerLeuLeu TrpLysLysV alLeuProTy rLeuLysGly IleCysSerGly

801 CTGGTGGTGG GGACCCCTGAG CGTGTGGACA GAAGCTCACA ACGACCTGGG GCTGAGGACA ATGTCTCTCAA TGAGATCGTG AGTATCTTGC AGCCACCCCA
CACCACCACC CCTGGGACTC GCACACCTGT CTTCGAGTGT TGCTGGACCC CGACTCCTGT TACAGGAGTT ACTCTAGCAC TCATAGAACG TCGGGTGGGT
222 GlyGlyG1 yAspProGlu ArgValAspA rgSerSerG1 nargProGly AlaGluAspA snValLeuAs nGluIleVal SerIleLeuG InProThrGln
901 GGTCCCCTGAG CAGGAAATGG AAGTCCAGGA GCCAGCAGAG CCAACAGGTG TCAACATGTT GTCCCCCGGG GAGTCAGAGC ATCTGCTGGA ACCGGCAGAA
CCAGGGACTC GTCCCTTTACC TTCAGGTCCT CGGTCTCTC GGTGTCCAC AGTTGTACAA CAGGGGGCCC CTCAGTCTCG TAGACGACCT TGGCCGTCCT
255 ValProGlu GlnGluMetG luValGlnG1 uProAlaGlu ProThrGlyV alaSnMetLe uSerProGly GluSerGluH isLeuLeuG1 uProAlaGlu
1001 GCTGAAAGGT CTCAGAGGAG GAGGCTGCTG GTTCCAGCAA ATGAAGGTGA TCCCCTGAG ACTCTGAGAC AGTGCTTCCA TGACTTTTGA GACTTGGTGC
CGACTTTCCA GAGTCTCCTC CTCGACGAC CAAGGTCGTT TACTTCCACT AGGTGACTC TGAGACTCTG TCACGAAGCT ACTGAAACGT CTGAACCCACG
288 AlaGluArgS erGlnArgAr gArgLeuLeu ValProAlaA snGluGlyAs pProThrGlu ThrLeuArgG InCysPheAs pAspPheAla AspLeuValPro

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FIG.-8A-2

1101 CCTTTGACTC CTGGGAGCCG CTCATGAGGA AGTTGGGCCT CATGGACAAT GAGATAAAGG TGGCTAAAGC TGAGGCAGCG GGCACAGCG ACACCTTCTA
 GGAAGCTGAG GACCCTCGG GAGTACTCCT TCAACCCGGA GTACTCTGTTA CTCTATTTC ACCGATTTCG ACTCGTCCG CCGGTGTCCC TGTTGAACAT
 322 PheAspSe rTrpGluPro LeuMetArgL ysLeuGlyLe uMetAspAsn GluileLysV alAlaLysal aGluAlaAla GlyHisArgA spThrLeuTyr
 1201 CACGATGCTG ATAAAGTGGG TCAACAAAAC CGGGCCAGAT GCCTCTGTCC ACACCCTGCT GGATGCCCTTG GAGACCGCTGG GAGAGAGACT TGCCAAAGCAG
 GTGCTACGAC TATTTCACCC AGTTGTTTTG GCCCGCTCTA CGGAGACAGG TGTGGGACGA CCTACGGAAAC CTCTCGGACC CTCTCTCTGA ACGTTTCGTC
 355 ThrMetLeu ileLysTrpV alAsnLysTh rGlyArgAsp AlaSerValH isThrLeuLe uAspAlaLeu GluThrLeuG lyGluArgLe uAlaLysGln
 1301 AAGATTGAGG ACCACTTGTG GAGCTCTGGA AAGTTCAATG ATCTAGAAGG TAATGCAGAC TCTGCCWTGT CCTAAGTGTG ATTCTCTTCA GGAAGTGAGA
 TTCTAACTCC TGGTGAACAA CTCGAGACCT TTCAAGTACA TAGATCTTCC ATTACGTCTG AGACGGAAAC GGAATTCACAC TAAGAGAAGT CCTTCACTCT
 388 LysIleGluA spHisLeuLe uSerSerGly LysPheMetT yrLeuGluG lYasnAlaAsp SerAlaXqqs erOC*
 1401 CCTTCCCTGG TTTACCTTTT TTCTGGAAAA AGCCCAACTG GACTCCAGTC AGTAGGAAAG TGCCACAATT GTCACATGAC CGGTACTGGA AGAACTCTC
 GGAAGGACC AAATGAAAA AAGACCTTTT TCGGGTTGAC CTGAGGTCAG TCATCCTTTC ACGGTGTTAA CAGTGFACTG GCCATGACCT TCTTTGAGAG
 1501 CCATCCAACA TCACCCAGTG GATGGAACAT CCTGTAACTT TTAAGTGCAC TTGGCATTAT TTTTATAAGC TGAATGTGAT AATAAGGACA CTATGGAAAT
 GGTAGGTTGT AGTGGGTCAC CTACCTTGTA GGACATTGAA AAGTGACGTG AACCGTAATA AAAATATTTCG ACTTACACTA TTATTCTCTGT GATACCTTTA
 1601 GTCTGGATCA TTCCGTTTGT GCGTACTTTG AGATTGTTGT TGGGATGTCA TTGTTTTTTC AGCACTTTT TATCCTAATG TAAATGCTTT ATTATTATTAT
 CAGACCTAGT AAGGCAACA CCGATGAAC CCGATGAAC ACCCTACAGT AACAAAAGTG TCGTGAAAAA ATAGGATTAC ATTACGAAA TAAATAAATA
 1701 TTGGGCTACA TTGTAAGATC CATCTACAAA AAAAAAAG GCGGCGCGG ACTCTAGAGT CGACCTGAG AAGCTTGGCC GCCATGGCC
 AACCCGATGT AACATTCTAG GTAGATGTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT CCGCGGCGG TGAGATCTCA GCTGGACGTC TTCGAACCGG CCGTACCGG

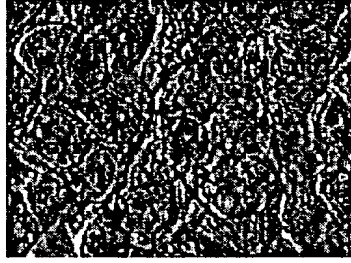
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FIG.-8B

1 MEQRGQNA PAASGARKRHGPGPREARGARPLRVPKTLVLVAAVLLVSAESALITQQD
 61 LAPQORAA PQQRSSPSEGLCPPGHHSIEDGRDCISCKYQDYSTHWNDDLFLCLRCTRCD
 121 SGEVELSPCTTTRNTVQCEEGTFREEDSPENCKRKTGCPRGVMKVGDCTPWSDIECVH
 181 KESGIIIGVTAAVVLIVAVFVCKSLMKKVLPLYKIGICSGGGDPERVDSSQRPGEAD
 241 NVLNEIVSILQPTQVPEQEMEVQEPAPFTGVNMLSPGESEHLLLEPAEAERSQRRRLVPA
 301 NEGDPTETLRQCFFDDFADLVFPDSWEPLMRKLGMDNEIKVAKAEAGHRDLYTMLIKW
 361 VNKTGRDASVHTLLDLETLGERLAKQKIEDHLLSSGKFMYLEGNADSALS

FIG.-9

Vector



Apo2



Apo2+CrmA

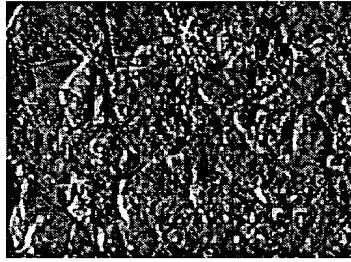
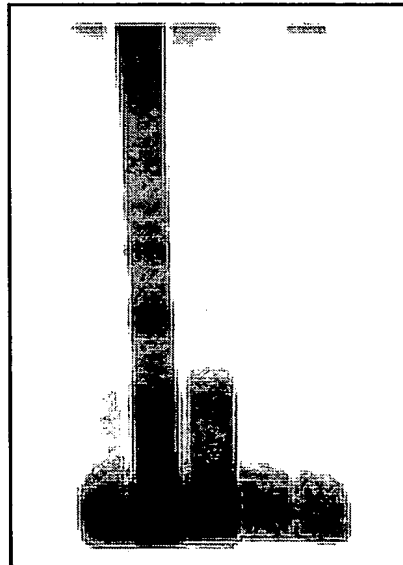
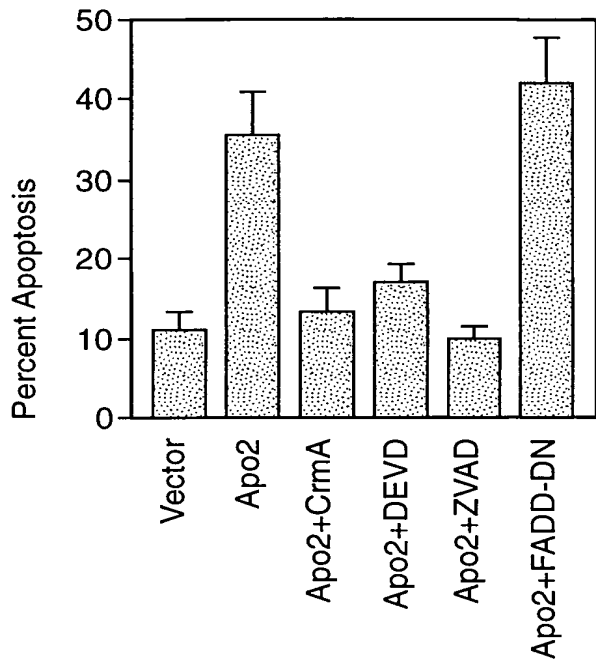
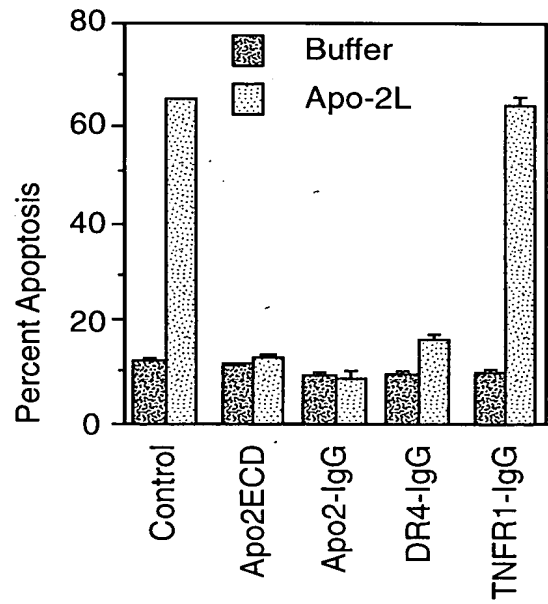
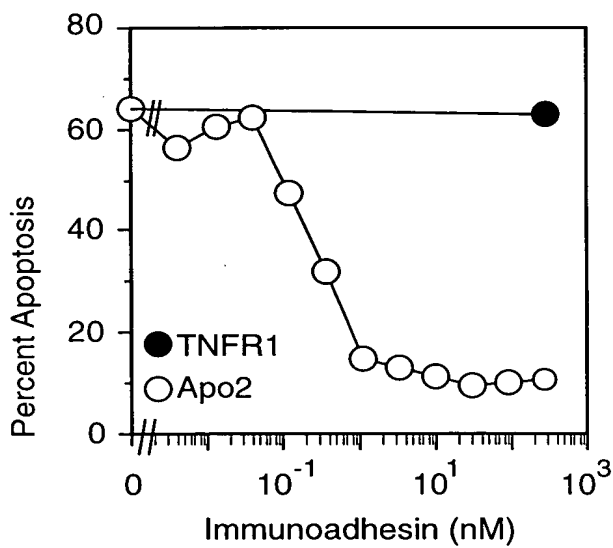
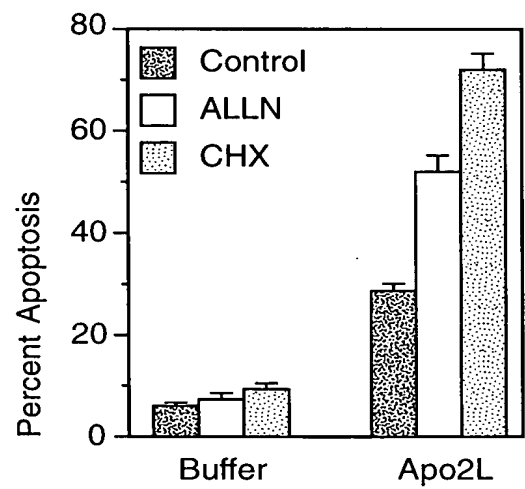


FIG._11A

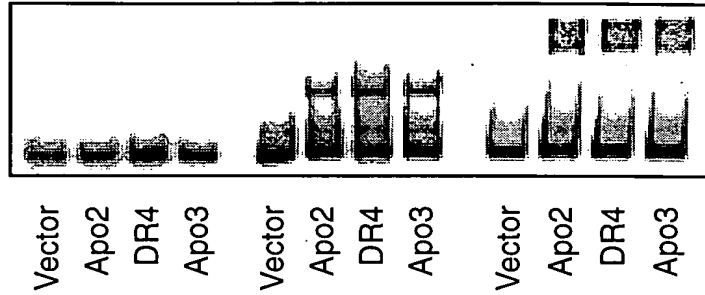


Vector
Apo2
Apo2+CrmA
Apo2+DEV
Apo2+ZVAD

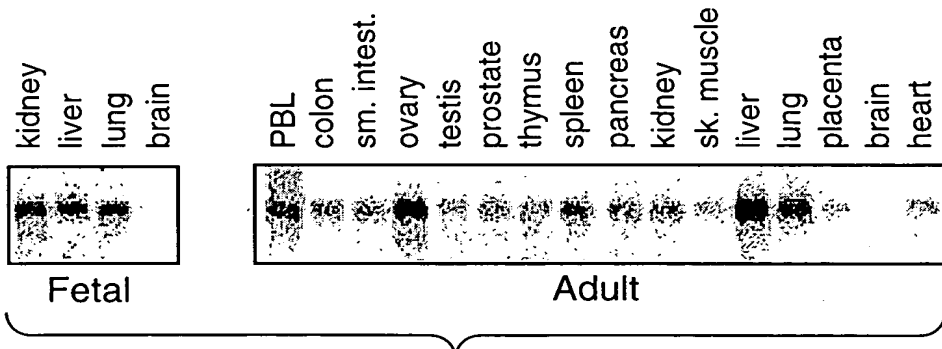
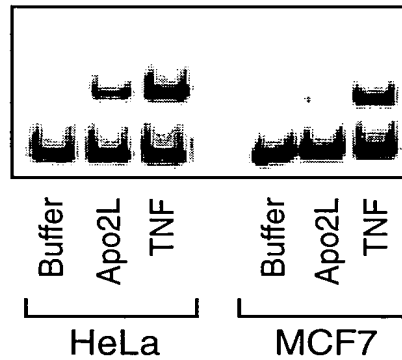
FIG._11B

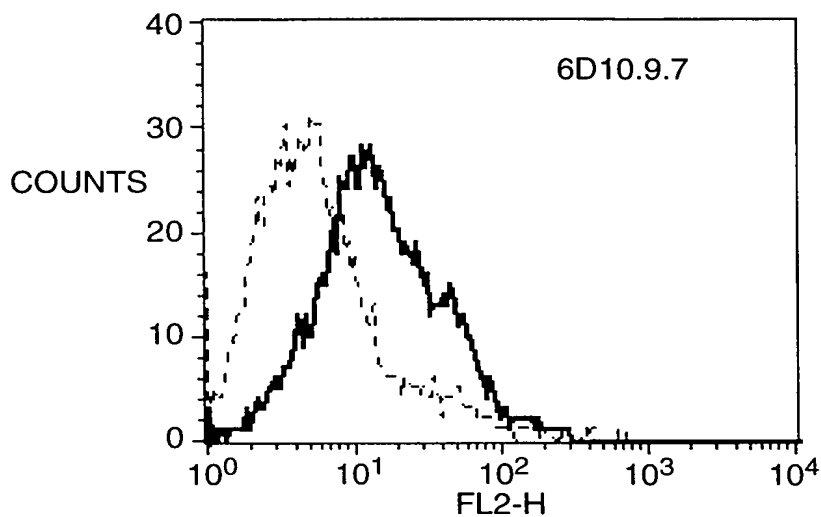
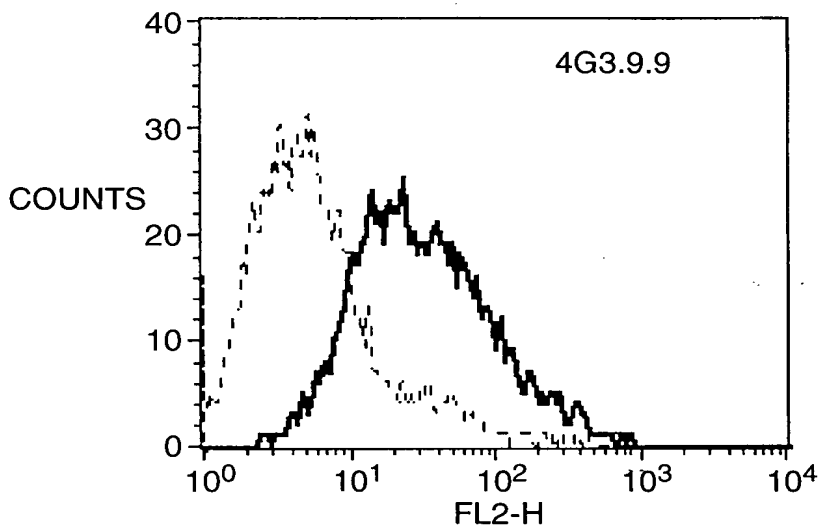
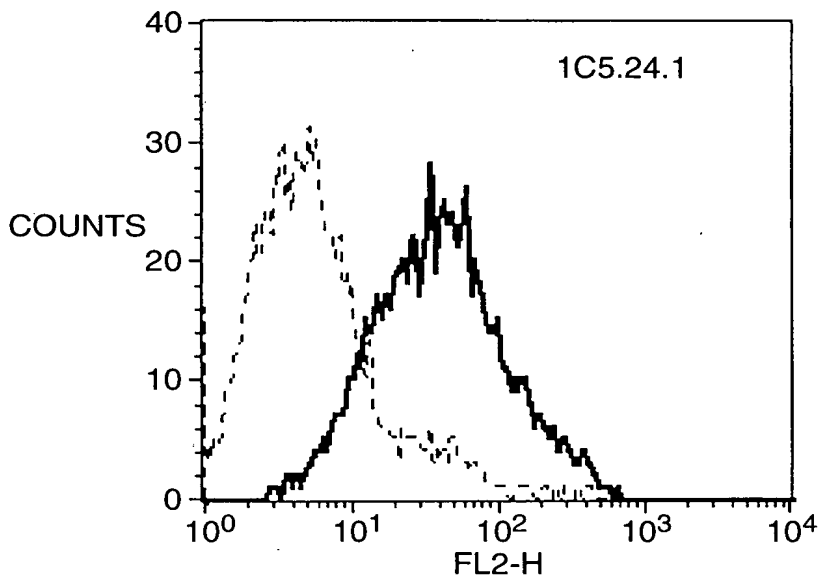
**FIG. 11C****FIG. 11D****FIG. 11E****FIG. 12C**

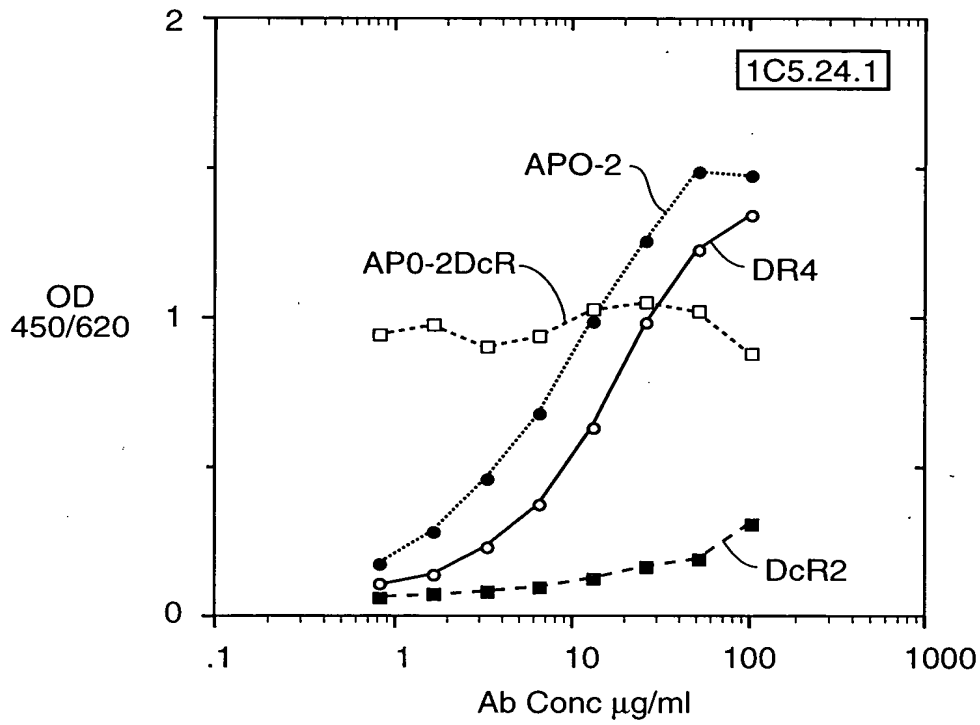
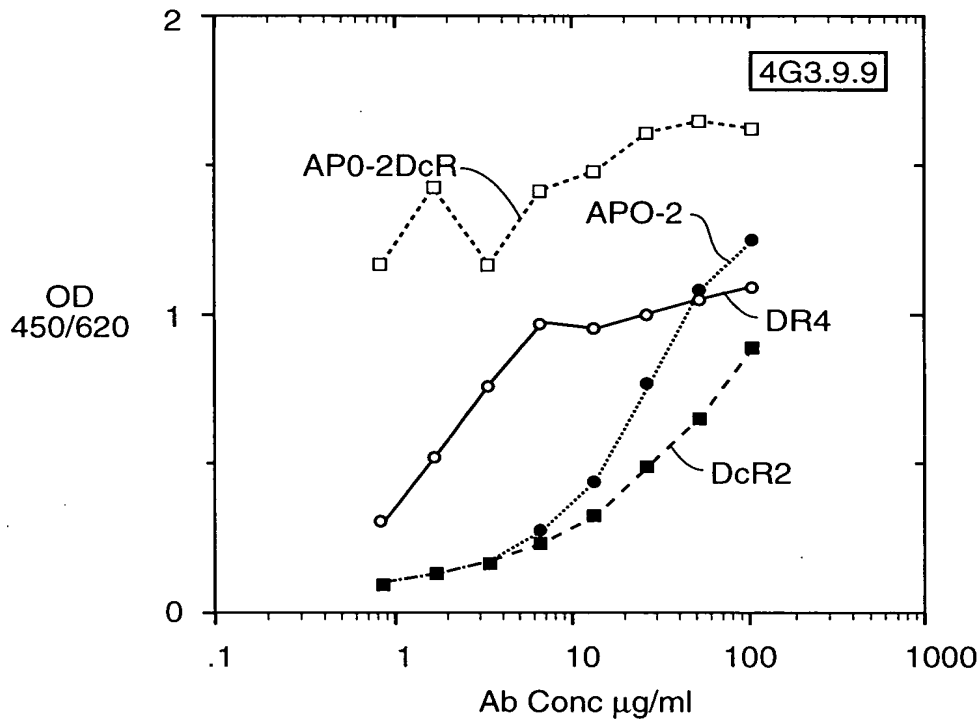
Unlabelled probe	+	+	+	+	-	-	-	-	-	-	-	-
Labelled probe	+	+	+	+	+	+	+	+	+	+	+	+
Anti-p65	-	-	-	-	-	-	-	-	+	+	+	+

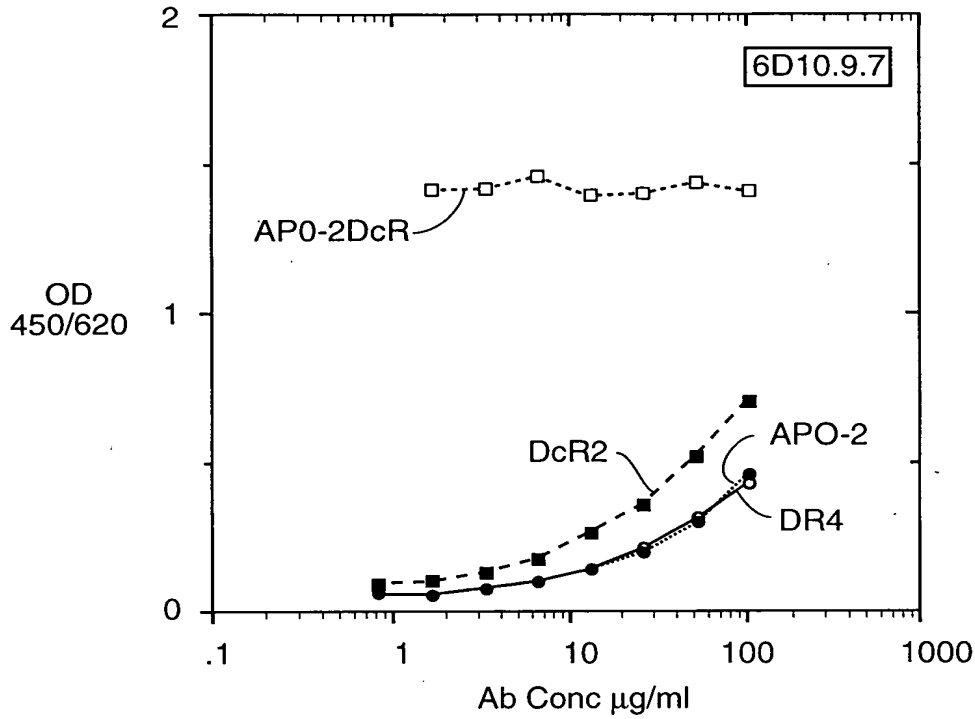
FIG._12A

Unlabelled probe	-	-	-	-	-	-
Labelled probe	+	+	+	+	+	+
Anti-p65	-	-	-	-	-	-

FIG._12B**FIG._13**



**FIG. 15A****FIG. 15B**

**FIG._15C**

Summary of mAbs to DcR1

mAbs	ISOTYPE	FACS (HUMEC)	DR4	Cross reactivity		
				Apo-2	Apo-2DcR	DcR2
1C5.24.1	IgG1	+	++	+++	+++	-
4G3.9.9	IgG1	+	++	+	+++	+/-
6D10.9.7	IgG2b	+	-	-	+++	+/-

Percent Cross reactivity was determined by comparing the binding capacity to Apo-2DcR at 10 $\mu\text{g/ml}$ of mAbs in ELISA. ++: >75%, +: 25-75%, +/-: 10-25%, -: <10%.

FIG._16